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Appl. No. 09/633,621
September 29, 2003

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Canceled)

2. (Canceled)

3. (Canceled)

4. (Canceled)

5. (Canceled)

6. (Canceled)

7. (Canceled)

8. (Canceled)

9. (Currently Amended) A method for controlling beetles or weevils, the method comprising applying to ~~the~~ a locus where control is desired a ~~pesticidally effective amount of a~~ composition comprising, ~~in admixture with an acceptable~~ a carrier and an active agent selected on the basis of pesticidal activity against beetles, said active agent comprising, at least one plant ~~essential oil compound or derivative thereof wherein, the plant essential oil~~ a compound or derivative thereof is selected from the group consisting of aldehyde C16 (pure), α -terpineol, amyl cinnamic aldehyde, amyl salicylate, anisic aldehyde, benzyl alcohol, benzyl acetate, cinnamaldehyde, cinnamic alcohol, carvacrol, carveol, citral, citronellal, citronellol, p-cymene, diethyl phthalate, dimethyl salicylate, dipropylene glycol, eucalyptol (cineole), eugenol, isocugenol, galaxolide, geraniol, guaiacol, ionone, menthol, methyl anthranilate, methyl ionone, methyl salicylate, α -phellandrene, pennyroyal oil perillaldehyde, 1- or 2-phenyl ethyl alcohol, 1- or 2-phenyl ethyl propionate, piperonal, piperonyl acetate, piperonyl alcohol, D-pulegone,

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terpinen-4-ol, terpinyl acetate, 4-tert butylcyclohexyl acetate, thymol, metabolites of trans-anethole, vanillin, and ethyl vanillin.

10. (Withdrawn) A method for controlling maize weevil comprising, applying to the locus where control is desired a pesticidally-effective amount of 2-phenyl ethyl alcohol, 2-phenyl ethyl propionate, benzyl alcohol, and α -terpineol, in admixture with an acceptable carrier.

11. (Withdrawn) A method for controlling maize weevil comprising, applying to the locus where control is desired a pesticidally-effective amount of benzyl alcohol, in admixture with an acceptable carrier.

12. (Withdrawn) A method for controlling maize weevil comprising, applying to the locus where control is desired a pesticidally-effective amount of 2-phenyl ethyl alcohol, in admixture with an acceptable carrier.

13. (Withdrawn) A method for controlling maize weevil comprising, applying to the locus where control is desired a pesticidally-effective amount of 2-phenyl ethyl propionate, in admixture with an acceptable carrier.

14. (Withdrawn) A method for controlling maize weevil comprising, applying to the locus where control is desired a pesticidally-effective amount of trans-anethole, in admixture with an acceptable carrier.

15. (Withdrawn) A method for controlling maize weevil comprising, applying to the locus where control is desired a pesticidally-effective amount of eugenol, in admixture with an acceptable carrier.

16. (Withdrawn) A method for controlling maize weevil comprising, applying to the locus where control is desired a pesticidally-effective amount of thymol, trans-anethole, eugenol, α -terpineol and citronellal, in admixture with an acceptable carrier.

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17. (Withdrawn) A method for controlling maize weevil comprising, applying to the locus where control is desired a pesticidally-effective amount of α -terpineol, in admixture with an acceptable carrier.

18. (Withdrawn) A method for controlling maize weevil comprising, applying to the locus where control is desired a pesticidally-effective amount of thymol, in admixture with an acceptable carrier.

19. (Withdrawn) A method for controlling maize weevil comprising, applying to the locus where control is desired a pesticidally-effective amount of eugenol, α -terpineol and cinnamic alcohol, in admixture with an acceptable carrier.

20. (Withdrawn) A method for controlling maize weevil comprising, applying to the locus where control is desired a pesticidally-effective amount of 4-Blend (2-phenyl ethyl alcohol, 2-phenyl ethyl propionate, benzyl alcohol, and α -terpineol) 10%, eugenol 1.7%, α -terpineol 1.7%, and cinnamic alcohol 1.7%, in admixture with an acceptable carrier.

21. (Withdrawn) A method for controlling maize weevil comprising, applying to the locus where control is desired a pesticidally-effective amount of 4-blend (2-phenyl ethyl alcohol, 2-phenyl ethyl propionate, benzyl alcohol, and α -terpineol) 10%, eugenol 2.5%, thymol 3%, and cis-jasmone 0.6%, in admixture with an acceptable carrier.

22. (Withdrawn) A method for controlling maize weevil comprising, applying to the locus where control is desired a pesticidally-effective amount of 2-phenyl ethyl propionate 3.75%, thymol 3.0%, eugenol 2.5%, and PD98059 0.03%, in admixture with an acceptable carrier.

23. (Withdrawn) A method for controlling maize weevil comprising, applying to the locus where control is desired a pesticidally-effective amount of 2-phenyl ethyl alcohol, 2-phenyl

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ethyl propionate, benzyl alcohol, α -terpineol and eugenol, in admixture with an acceptable carrier.

24. (Currently Amended) A method for controlling ~~sawtoothed grain beetle adults~~ beetles or weevils, the method comprising, applying to the a locus where control is desired a pesticidally-effective amount of a composition comprising a carrier and an active agent selected on the basis of pesticidal activity against beetles, wherein the active agent comprises 2-phenyl ethyl alcohol, 2-phenyl ethyl propionate, benzyl alcohol, and α -terpineol, in admixture with an acceptable carrier.

25. (Currently Amended) A method for controlling ~~sawtoothed grain beetle~~ adults beetles or weevils, the method comprising, applying to the a locus where control is desired a pesticidally-effective amount of a composition comprising a carrier and an active agent selected on the basis of pesticidal activity against beetles, wherein the active agent comprises benzyl alcohol, in admixture with an acceptable carrier.

26. (Withdrawn) A method for controlling sawtoothed grain beetle adults comprising, applying to the locus where control is desired a pesticidally-effective amount of 4-Blend (2-phenyl ethyl alcohol, 2-phenyl ethyl propionate, benzyl alcohol, and α -terpineol)10%, eugenol 1.7%, α -terpineol 1.7%, and cinnamic alcohol 1.7%, in admixture with an acceptable carrier.

27. (Withdrawn) A method for controlling sawtoothed grain beetle adults comprising, applying to the locus where control is desired a pesticidally-effective amount of 4-blend (2-phenyl ethyl alcohol, 2-phenyl ethyl propionate, benzyl alcohol, and α -terpineol)10%, eugenol 2.5%, thymol 3%, and cis-jasmone 0.6%, in admixture with an acceptable carrier.

28. (Withdrawn) A method for controlling sawtoothed grain beetle adults comprising, applying to the locus where control is desired a pesticidally-effective amount of 2-phenyl ethyl

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propionate 3.75%, thymol 3.0%, eugenol 2.5%, and PD98059 0.03%, in admixture with an acceptable carrier.

29. (Withdrawn) A method for controlling sawtoothed grain beetle adults comprising, applying to the locus where control is desired a pesticidally-effective amount of 2-phenyl ethyl alcohol, 2-phenyl ethyl propionate, benzyl alcohol, α -terpineol and eugenol, in admixture with an acceptable carrier.

30. (Withdrawn) A method for controlling red flour beetle adults comprising, applying to the locus where control is desired a pesticidally-effective amount of 2-phenyl ethyl alcohol, 2-phenyl ethyl propionate, benzyl alcohol, and α -terpineol, in admixture with an acceptable carrier.

31. (Canceled)

32. (Withdrawn) A method for controlling red flour beetle adults comprising, applying to the locus where control is desired a pesticidally-effective amount of 4-Blend (2-phenyl ethyl alcohol, 2-phenyl ethyl propionate, benzyl alcohol, and α -terpineol) 10%, eugenol 1.7%, α -terpineol 1.7%, and cinnamic alcohol 1.7%, in admixture with an acceptable carrier.

33. (Withdrawn) A method for controlling red flour beetle adults comprising, applying to the locus where control is desired a pesticidally-effective amount of 4-blend (2-phenyl ethyl alcohol, 2-phenyl ethyl propionate, benzyl alcohol, and α -terpineol) 10%, eugenol 2.5%, thymol 3%, and cis-jasmone 0.6%, in admixture with an acceptable carrier.

34. (Withdrawn) A method for controlling red flour beetle adults comprising, applying to the locus where control is desired a pesticidally-effective amount of 2-phenyl ethyl propionate 3.75%, thymol 3.0%, eugenol 2.5%, and PD98059 0.03%, in admixture with an acceptable carrier.

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35. (Withdrawn) A method for controlling red flour beetle adults comprising, applying to the locus where control is desired a pesticidally-effective amount of 2-phenyl ethyl alcohol, 2-phenyl ethyl propionate, benzyl alcohol, α -terpineol and eugenol, in admixture with an acceptable carrier.

36. (Withdrawn) A method for controlling drugstore beetle larvae comprising, applying to the locus where control is desired a pesticidally-effective amount of 2-phenyl ethyl alcohol, 2-phenyl ethyl propionate, benzyl alcohol, and α -terpineol, in admixture with an acceptable carrier.

37. (Canceled)

38. (Canceled)

39. (Withdrawn) A method for controlling drugstore beetle larvae comprising, applying to the locus where control is desired a pesticidally-effective amount of 4-blend (2-phenyl ethyl alcohol, 2-phenyl ethyl propionate, benzyl alcohol, and α -terpineol) 10%, eugenol 2.5%, thymol 3%, and cis-jasmone 0.6%, in admixture with an acceptable carrier.

40. (Withdrawn) A method for controlling drugstore beetle larvae comprising, applying to the locus where control is desired a pesticidally-effective amount of 2-phenyl ethyl alcohol, 2-phenyl ethyl propionate, benzyl alcohol, α -terpineol and eugenol, in admixture with an acceptable carrier.